

GenCore version 5.1.3
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OM protein - nucleic search, using frame_plus_p2n model

Run on: March 14, 2003, 03:03:40 ; Search time 227.079 Seconds
(without alignments)
797.438 Million cell updates/sec

Title: US-09-698-781-3
Perfect score: 1436
Sequence: 1 MKOILHPALETTAMTLFPVL.....KHOLVRDSCAKSCNSNSTY 258

Scoring table:
BLOSUM62
Xgapop 10.0, Xgapext 0.5
Ygapop 10.0, Ygapext 0.5
Fgapop 6.0, Fgapext 7.0
Delop 6.0, Delext 7.0

Searched: 501302 segs, 350932545 residues

Total number of hits satisfying chosen parameters: 1002604

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Command line parameters:
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-FCGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Published.Applications_NA:

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13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	1386	96.5	2128	9	US-10-099-570-1
2	1386	96.5	2128	10	US-09-960-832-257
3	337.5	23.5	1008	10	US-09-876-225-1
4	318	22.1	3804	10	US-09-925-301-11

5	314	21.9	441	10	US-09-960-352-2616	Sequence 2616, App
6	305.5	21.3	882	9	US-10-028-072-261	Sequence 261, App
7	305.5	21.3	882	9	US-10-121-049-261	Sequence 261, App
8	305.5	21.3	882	9	US-10-123-904-261	Sequence 261, App
9	305.5	21.3	882	9	US-10-140-470-261	Sequence 261, App
10	305.5	21.3	882	9	US-10-175-746-261	Sequence 261, App
11	305.5	21.3	882	9	US-10-176-918-261	Sequence 261, App
12	305.5	21.3	882	9	US-10-176-921-261	Sequence 261, App
13	305.5	21.3	882	9	US-10-137-865-261	Sequence 261, App
14	305.5	21.3	882	9	US-10-140-474-261	Sequence 261, App
15	305.5	21.3	882	9	US-10-142-431-261	Sequence 261, App
16	305.5	21.3	882	9	US-10-143-114-261	Sequence 261, App
17	305.5	21.3	882	9	US-10-140-002-261	Sequence 261, App
18	305.5	21.3	882	9	US-10-142-419-261	Sequence 261, App
19	296.5	20.6	1824	9	US-10-227-884-55	Sequence 55, App1
20	296.5	20.6	1824	9	US-10-230-163-55	Sequence 55, App1
21	296.5	20.6	1824	9	US-10-218-631-55	Sequence 55, App1
22	296.5	20.6	1824	9	US-10-230-338-55	Sequence 55, App1
23	296.5	20.6	4877	10	US-09-834-975-872	Sequence 872, App
24	296.5	20.6	4877	10	US-09-834-975-873	Sequence 873, App
25	296.5	20.6	4877	10	US-09-834-975-884	Sequence 884, App
26	291	20.3	1875	9	US-09-905-291A-284	Sequence 284, App
27	291	20.3	1875	9	US-09-902-853-284	Sequence 284, App
28	291	20.3	1875	9	US-09-907-824-284	Sequence 284, App
29	291	20.3	1875	9	US-09-907-841-284	Sequence 284, App
30	291	20.3	1875	9	US-09-904-011-284	Sequence 284, App
31	291	20.3	1875	9	US-10-028-072-359	Sequence 359, App
32	291	20.3	1875	9	US-09-906-742-284	Sequence 284, App
33	291	20.3	1875	9	US-10-121-049-359	Sequence 359, App
34	291	20.3	1875	9	US-10-123-904-359	Sequence 359, App
35	291	20.3	1875	9	US-10-140-470-359	Sequence 359, App
36	291	20.3	1875	9	US-09-906-838-284	Sequence 284, App
37	291	20.3	1875	9	US-09-907-613-284	Sequence 284, App
38	291	20.3	1875	9	US-09-907-942-284	Sequence 284, App
39	291	20.3	1875	9	US-10-175-746-359	Sequence 359, App
40	291	20.3	1875	9	US-10-176-918-359	Sequence 359, App
41	291	20.3	1875	9	US-10-176-921-359	Sequence 359, App
42	291	20.3	1875	9	US-10-137-865-359	Sequence 359, App
43	291	20.3	1875	9	US-10-140-474-359	Sequence 359, App
44	291	20.3	1875	9	US-09-904-820-284	Sequence 284, App
45	291	20.3	1875	9	US-09-904-859-284	Sequence 284, App

ALIGNMENTS

RESULT 1
US-10-099-570-1
Sequence 1, Application US/10099570
Publication No. US20030027178A1
GENERAL INFORMATION:
APPLICANT: Vasmatazts, George
APPLICANT: Kosari, Farhad
APPLICANT: Asmann, Yan
TITLE OF INVENTION: Methods and Kits for Determining a
FILE REFERENCE: 07039-275001
CURRENT APPLICATION NUMBER: US/10/099,570
PRIOR FILING DATE: 2002-03-15
PRIOR APPLICATION NUMBER: US 60/276,523
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 2128
TYPE: DNA
ORGANISM: Homo sapiens
US-10-099-570-1

Alignment Scores:
Pred. No.: 12e-152
Score: 1386.00
Percent Similarity: 99.60%

Length: 2128
Matches: 249
Conservative: 0

Best Local Similarity: 99.60% Mismatches: 1
 Query Match: 96.52% Indels: 0
 DB: 9 Gaps: 0

US-09-698-781-3 (1-258) x US-10-099-570-1 (1-2128)

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QY 9 LeuGlutThrAlaMetThrLeuPheProValLeuLeuPheLeuValAlaGlyLeuLeu 28
DB 1 CTGGAACCATGCAATGACATTAATCCAGTGGCTGTTCTCCGTTGCTGGCTGCTT 60
QY 29 ProSerPheProAlaAsnGluAspLysAspProAlaPheThrAlaLeuLeuThrGln 48
DB 61 CCATCTTTCCAGCAAAAGAAAGATGAAGATCCCGCTTTACTGCTTTGTTAAACCCAA 120
QY 49 ThrGlnValGlnArgGluIleValAsnLysHisAsnGluLeuArgArgAlaValSerPro 68
DB 121 ACACAGAGTCAAGGCAATGTTGATTAAGACCAATGAACGAGGAGAGCAATATCTCC 180
QY 69 ProAlaArgAsnMetLeuLysMetGluThrPasnLysGluAlaAlaAlaAsnAlaGlnLys 88
DB 181 CCTGCCAACAACATGCTTAAGATGAATGGAACAAAGAGGCTGCAGCAATGCCAAAG 240
QY 89 TrpAlaAsnGlnCysAsnTyrArgHisSerAsnProLysAspArgMetThrSerLeuLys 108
DB 241 TGGCCAAACAGTCAATTAACAGACACAGTAAACCAAGATGCAATGCAAGCTTAA 300
QY 109 CysGlyGluAsnLeuTyrMetSerSerAlaProSerSerTpsSerGlnAlaIleGlnSer 128
DB 301 TGTGTTGAAATCTCTACATGTCAGTCCAGCTCATGCTGATGATGCAATCCAAAGC 360
QY 129 TrpPheAspGluTyrAsnAspPheAspPheGlyValGlyProLysThrProAsnAlaVal 148
DB 361 TGGTTTGAATGATGACAAATGATTTGATGTTGGTGAAGGCCAAAGACTCCCAAGC 420
QY 149 ValGlyHisTyrThrGlnValAlaTrpTyrSerSerTyrLeuValGlyCysGlyAsnAla 168
DB 421 GTTGACATTTATACACAGTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 480
QY 169 TyrCysProAsnGlnLysValLeuLysTyrTyrTyrValCysGlnTyrCysProAlaGly 188
DB 481 TACTGTCCCAATCAAAAAGTTCTTAATAATGCTAATGTTGCAATATGTTCTCTGCT 540
QY 189 AsnTrpAlaAsnArgLeuTyrValProTyrGluGlnGlyAlaProCysAlaSerCysPro 208
DB 541 AATGGGCTAATAGACTATATGTCCTTATGACAAAGAGGACCTTGTGGCCAGTGGCCA 600
QY 209 AspAsnCysAspAspGlyLeuLysThrAsnGlyCysLysTyrGluAspLeuTyrSerAsn 228
DB 601 GATACTGTGACGATGACTATGACCAATGTTGCAAGTACAGATCTCTATGATAC 660
QY 229 CysLysSerLeuLysLeuThrLeuThrCysLysHisGlnLeuValArgAspSerCysLys 248
DB 661 TGTAAAGTTGTAAGCTACATTAACCTGTAAACATCACTGAGTGTGACGAGGACAGT 720
QY 249 AlaSerCysAsnCysSerAsnSerIleTyr 258
DB 721 GCCTCTGCAATGTTCAACAGCATTTAT 750

RESULT 2
US-09-962-832-257
; Sequence 257, Application US/09962832
; Patent No. US20020110821A1
; GENERAL INFORMATION:
; APPLICANT: Ebner, Reinhard
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; FILE REFERENCE: 689290-74
; CURRENT APPLICATION NUMBER: US/09/962,832
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: US/60/235,077
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,280
; PRIOR FILING DATE: 2000-09-25

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NUMBER OF SEQ ID NOS: 259
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO: 257
 LENGTH: 2128
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-962-832-257

Alignment Scores:

Pred. No.: 1,2e-152 Length: 2128
 Score: 1386.00 Matches: 249
 Percent Similarity: 99.60% Conservative: 0
 Best Local Similarity: 99.60% Mismatches: 1
 Query Match: 96.52% Indels: 0
 DB: 10 Gaps: 0

US-09-698-781-3 (1-258) x US-09-962-832-257 (1-2128)

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QY 9 LeuGlutThrAlaMetThrLeuPheProValLeuLeuPheLeuValAlaGlyLeuLeu 28
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QY 29 ProSerPheProAlaAsnGluAspLysAspProAlaPheThrAlaLeuLeuThrGln 48
DB 61 CCATCTTTCCAGCAAAAGAAAGATGAAGATCCCGCTTTACTGCTTTGTTAAACCCAA 120
QY 49 ThrGlnValGlnArgGluIleValAsnLysHisAsnGluLeuArgArgAlaValSerPro 68
DB 121 ACACAGAGTCAAGGCAATGTTGATTAAGACCAATGAACGAGGAGAGCAATATCTCC 180
QY 69 ProAlaArgAsnMetLeuLysMetGluThrPasnLysGluAlaAlaAlaAsnAlaGlnLys 88
DB 181 CCTGCCAACAACATGCTTAAGATGAATGGAACAAAGAGGCTGCAGCAATGCCAAAG 240
QY 89 TrpAlaAsnGlnCysAsnTyrArgHisSerAsnProLysAspArgMetThrSerLeuLys 108
DB 241 TGGCCAAACAGTCAATTAACAGACACAGTAAACCAAGATGCAATGCAAGCTTAA 300
QY 109 CysGlyGluAsnLeuTyrMetSerSerAlaProSerSerTpsSerGlnAlaIleGlnSer 128
DB 301 TGTGTTGAAATCTCTACATGTCAGTCCAGCTCATGCTGATGATGCAATCCAAAGC 360
QY 129 TrpPheAspGluTyrAsnAspPheAspPheGlyValGlyProLysThrProAsnAlaVal 148
DB 361 TGGTTTGAATGATGACAAATGATTTGATGTTGGTGAAGGCCAAAGACTCCCAAGC 420
QY 149 ValGlyHisTyrThrGlnValAlaTrpTyrSerSerTyrLeuValGlyCysGlyAsnAla 168
DB 421 GTTGACATTTATACACAGTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 480
QY 169 TyrCysProAsnGlnLysValLeuLysTyrTyrTyrValCysGlnTyrCysProAlaGly 188
DB 481 TACTGTCCCAATCAAAAAGTTCTTAATAATGCTAATGTTGCAATATGTTCTCTGCT 540
QY 189 AsnTrpAlaAsnArgLeuTyrValProTyrGluGlnGlyAlaProCysAlaSerCysPro 208
DB 541 AATGGGCTAATAGACTATATGTCCTTATGACAAAGAGGACCTTGTGGCCAGTGGCCA 600
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QY 229 CysLysSerLeuLysLeuThrLeuThrCysLysHisGlnLeuValArgAspSerCysLys 248
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QY 249 AlaSerCysAsnCysSerAsnSerIleTyr 258
DB 721 GCCTCTGCAATGTTCAACAGCATTTAT 750

RESULT 3
US-09-876-225-1
; Sequence 1, Application US/09876225

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Patent No. US20020052025A1
GENERAL INFORMATION:
APPLICANT: Baylor College of Medicine
APPLICANT: Thompson, Timothy C.
APPLICANT: Ren, Chengzhen
TITLE OF INVENTION: RTV Based Compositions and Methods for the Treatment of Prostate
FILE REFERENCE: 38594.0027
CURRENT APPLICATION NUMBER: US/09/876,225
CURRENT FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/209,989
PRIOR FILING DATE: 2000-06-08
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 1008
TYPE: DNA
ORGANISM: Mus sp.
US-09-876-225-1

Alignment Scores:
Pred. No.: 3,75e-30 Length: 1008
Score: 337.50 Matches: 92
Percent Similarity: 45.36% Conservative: 35
Best Local Similarity: 32.86% Mismatches: 88
Query Match: 23.50% Indels: 65
DB: 10 Gaps: 13

US-09-698-781-3 (1-258) x US-09-876-225-1 (1-1008)
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Db 122 ATTCTAGGTCAGCA-----GCACCCAGAGACCATGACGCTATCTCTGTGATGATA 175
Oy 24 valAlaGlyleuLeuProSerPheProAlaAsnGluAspLysAspProAlaPheThAla 43
Db 176 GTC-----TGATGGCTTCGTCGTCTGTCTGATTCATTCATTACAGCA 217
Oy 44 leuLeu-----ThrThrGlnThrGlnValGlnArgGluLeuValAsnLysHisAsn 60
Db 218 AGCAGCTTCCAGATATACAAACGAGAGCTTATTAAGAAAGTGTTCAAGTTCACAC 277
Oy 61 GluLeuArgAlaValSerProProAlaArgAsnMetLeuLysMetGluTrpAsnLys 80
Db 278 CAGCTTCGGTCAAAAGTAGTCCACAGCCGGAATATGCTGTACATGCTTGGACCCA 337
Oy 81 GluAlaAlaAlaAsnAlaGlnLysTrpAlaAsnGlnCysAsnTyraArgHisSerAsnPro 100
Db 338 AACTAGCCCAATTCGCAAAAGCATGACAAATCTGTGAATTTAAACAC---AACCCA 394
Oy 101 Lys-----AspArgMetHrSerLeuLysCysGlyGluAsnLeuTy 114
Db 395 CAGCTGCATTACAGGATACACCCAAATTTACCGGCTG-----GGAGAGAAATATCTGG 448
Oy 115 MetSerSer---AlaProSerSerTrpSerGlnAlaIleGlnSerTrpPheAspGluTy 133
Db 449 CTGGCTCTTATCCACTTTTCAAGTATCTCCAGCCATCTCTGCTGTATGAAGAAAT 508
Oy 134 AsnAspPheAspPheGlyValGlyProLysThrProAsnAlaValAlaGlnHisTy 153
Db 509 AAGCATATGATCTACACACT-----AGAAATGTAGACATGCTGTGGCATTAATACT 562
Oy 154 GluValValTrpTySerSerTyLeuValGlyCysGlyAsnAlaTyTyCysProAsnGln 173
Db 563 CAGGTGTGGGACAGACATTCAAACTTGGCTGTGACAGTCAACTTGGCTTAATGGA 622
Oy 174 LysValLeuLysTyTyTyValCysGlnTyTyCysProAlaGlnAsnTrpAlaAsnArg 193
Db 623 GCA-----AATTTATATGCGCATATGACATGACACGAGAAATTAACCAAG--- 667
Oy 194 LeuTyValProTyGlnGlnGlyAlaProCysAlaSerCysProAsnAsnCysAspAsp 213
Db 668 -----TGCGCATATAGCAAGGAGGACGTCAGTGATTTGCCCA-----AAGAT 712

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Oy 214 GlyLeuCysThrAsnGlyCys----- 220
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Oy 221 -----LysTyGlnAspLeuTySer 227
Db 773 CTGTGCGATTATCCAGACTGGCTATATATCTGCGTATACAGACATCTCTCTTCG 832
Oy 228 AsnCysLysSerLeuLysLeu-----ThrLeuThrCysLysHisGln 241
Db 833 ATGTCTAAGTCGGTCTCTCTTACTGTCTGTATTAATTAACATCTGGGTAAAGCAAA 892

RESULT 4
US-09-925-301-11
Sequence 11, Application US/09925301
Patent No. US20020052308A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA106
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05882
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 11
LENGTH: 3804
TYPE: DNA
ORGANISM: Homo sapiens
US-09-925-301-11

Alignment Scores:
Pred. No.: 5,54e-27 Length: 3804
Score: 318.00 Matches: 83
Percent Similarity: 48.51% Conservative: 31
Best Local Similarity: 35.32% Mismatches: 79
Query Match: 22.14% Indels: 42
DB: 10 Gaps: 12

US-09-698-781-3 (1-258) x US-09-925-301-11 (1-3804)
Oy 2 LysGlnIleuHnIProleuHleuGluThrThAla---MetHrLeuPheProValleu 20
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Oy 21 LeuPheLeuValAlaGlyLeuLeuProSerPheProAlaAsnGluAspLysAspProAla 40
Db 185 TATTCACACACAGCAATATTTTCCAGATATC---GAATATGAGAT----- 229
Oy 41 PheThrAlaLeuLeuThrThrGlnThrGlnValGlnArgGluLeuValAsnLysHisAsn 60
Db 230 -----TTCATCAAGACAGCTGCTTCGAATCCATAC 259
Oy 61 GluLeuArgAlaValSerProProAlaArgAsnMetLeuLysMetGluTrpAsnLys 80
Db 260 AAGTTCGATCAGAGGAGAAACCAACAGCATGATATGCTATATCATGACTTGGACCCA 319
Oy 81 GluAlaAlaAlaAsnAlaGlnLysTrpAlaAsnGlnCysAsnTyraArgHisSer----- 98
Db 320 GCACTACCCCAAAATTCGAAAAGCATGGCCAGCAATTTGCCAGTTTACATTAATACAGG 379
Oy 99 ---AsnProLysAspArgMet-----ThrSerLeuLysCysGlyGluAsnLeu 113
Db 380 CTGAAGCCACCCCAAGCTGACCCCAAACTTCACTTCACTG-----GGAGAGAAATCTC 433
Oy 114 TyrMetSerSerAlaPro---SerSerTrpSerGlnAlaIleGlnSerTrpPheAspGlu 132
Db 434 TGCACTGGCTGTGCGCATTTTTCGTGTCTTCCCAATCAGCAAACTGATGAGAA 493
Oy 133 TyrAsnAspPheAspPheGlyValGlyProLysThrProAsnAlaValAlaGlnHisTy 152

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Db 494 ATCCAGACTAGTACTTCAAGACT-----CGGATATGCAAAAAAGTCTGTGCGCCACTAC 547
Oy 153 ThrGlnValValTPrTySerSerTyLeuValGlyCysGlyAsnAlaTyrcysProasn 172
Db 548 ACTGAGGAGTGTGGGAGAGTAGTACAAAGTTGGCTGGCGACTTCATTTGGCCCT--- 604
Oy 173 GlnTyValLeuTyTy-----TyTyValCysGlnTyrcys 185
Db 605 ---AAGATTTCGCTTGGACCTCTTCCAAATGGAGCAGCATTTATATGCAACTACGGA 661
Oy 186 ProAlaGlyAsnTrpAlaAsnArgLeuTyValProTyGlnGlnGlyAlaProCysAla 205
Db 662 CCAGAGGAGAAATTAACCAACT-----TCGCCATATTAAGAGAGAGACCACTKCACT 712
Oy 206 SerCysProAspAsn-----CysAspAspGlyLeuCysThrsn 218
Db 713 GCCTGCCCAATTAATGACAGAGTTTGGACAACTCTGTGTAC 757

RESULT 5
US-09-960-352-2616
; Sequence 2616, Application US/09960352
; Patent No. US20020137139A1
; GENERAL INFORMATION:
; APPLICANT: Warren, Wesley C.
; APPLICANT: Tao, Mengbing
; APPLICANT: Byatt, John C.
; APPLICANT: Mathialagan, Nagappan
; TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
; FILE REFERENCE: 16511.006/37-21(10298)C
; CURRENT APPLICATION NUMBER: US/09/960,352
; CURRENT FILING DATE: 2001-09-24
; NUMBER OF SEQ ID NOS: 15112
; SEQ ID NO 2616
; LENGTH: 441
; TYPE: DNA
; ORGANISM: Bos taurus
; OTHER INFORMATION: Clone ID: 12-LIB2809-005-Q1-E1-C7
US-09-960-352-2616

Alignment Scores:
Pred. No.: 6,05e-28 Length: 441
Score: 314.00 Matches: 50
Percent Similarity: 75.95% Conservative: 10
Best Local Similarity: 63.29% Mismatches: 19
Query Match: 21.87% Indels: 0
Gaps: 0
DB: 10

US-09-698-781-3 (1-258) x US-09-960-352-2616 (1-441)
Oy 180 TyValCysGlnTyrcysProAlaGlyAsnTrpAlaAsnArgLeuTyValProTyGln 199
Db 6 TATGATAGCAATGCTGCTCTGTATATTTGTCGACAGACACATGCTCCCTTACCA 65
Oy 200 GlnGlyAlaProCysAlaSerCysProAspAsnCysAspAspGlyLeuTyrcysThrsn 219
Db 66 AAGGAGACACCTGTGGCAGCTGCCCAATCATTTGTGTGAAGAGCATATGACCACTACT 125
Oy 220 CysLysTyrgluAspLeuTyrcysAsnGlySerLeuLeuThrcysLys 239
Db 126 TGTGATGATGAAGATACCATCTTAACGTCATCTTTAAAGAAACATGACCTGTGCC 185
Oy 240 HlsGlnLeuValArgAspSerCysLysAlaSerCysAsnGlySerAsnSerLeuTyrcys 258
Db 186 TGTGATTTTGTGAAGACCAATGCAAGGCTGCTCAATGTCAAGGCAAAATTTAT 242

RESULT 6
US-10-028-072-261
; Sequence 261, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroft, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Matanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
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; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
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PRIOR FILING DATE: 1997-10-29
 PRIOR APPLICATION NUMBER: 60/063755
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064248
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/064809
 PRIOR FILING DATE: 1997-11-07
 PRIOR APPLICATION NUMBER: 60/065186
 PRIOR FILING DATE: 1997-11-12
 PRIOR APPLICATION NUMBER: 60/065846
 PRIOR FILING DATE: 1997-11-17
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
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 PRIOR FILING DATE: 1997-11-24
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 PRIOR FILING DATE: 1997-12-11
 PRIOR APPLICATION NUMBER: 60/069278
 PRIOR FILING DATE: 1997-12-11
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 PRIOR FILING DATE: 1997-12-11
 PRIOR APPLICATION NUMBER: 60/069694
 PRIOR FILING DATE: 1997-12-16
 PRIOR APPLICATION NUMBER: 60/072320
 PRIOR FILING DATE: 1998-01-23
 PRIOR APPLICATION NUMBER: 60/073612
 PRIOR FILING DATE: 1998-02-04
 PRIOR APPLICATION NUMBER: 60/074086
 PRIOR FILING DATE: 1998-02-09
 PRIOR APPLICATION NUMBER: 60/074092
 PRIOR FILING DATE: 1998-02-09
 PRIOR APPLICATION NUMBER: 60/077791
 PRIOR FILING DATE: 1998-03-12
 PRIOR APPLICATION NUMBER: 60/078910
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079294
 PRIOR FILING DATE: 1998-03-25
 PRIOR APPLICATION NUMBER: 60/079663
 PRIOR FILING DATE: 1998-02-27
 PRIOR APPLICATION NUMBER: 60/079728
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/080165
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/081203
 PRIOR FILING DATE: 1998-04-09
 PRIOR APPLICATION NUMBER: 60/081229
 PRIOR FILING DATE: 1998-04-09
 PRIOR APPLICATION NUMBER: 60/081695
 PRIOR FILING DATE: 1998-04-14
 PRIOR APPLICATION NUMBER: 60/081817
 PRIOR FILING DATE: 1998-04-15
 PRIOR APPLICATION NUMBER: 60/081818
 PRIOR FILING DATE: 1998-04-15
 PRIOR APPLICATION NUMBER: 60/082999
 PRIOR FILING DATE: 1998-04-24
 PRIOR APPLICATION NUMBER: 60/083322
 PRIOR FILING DATE: 1998-04-28
 PRIOR APPLICATION NUMBER: 60/083545
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/084600
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084627
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084637
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/085149
 PRIOR FILING DATE: 1998-05-12
 PRIOR APPLICATION NUMBER: 60/085323
 PRIOR FILING DATE: 1998-05-13

PRIOR APPLICATION NUMBER: 60/085338
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085339
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/086414
 PRIOR FILING DATE: 1998-05-22
 PRIOR APPLICATION NUMBER: 60/086430
 PRIOR FILING DATE: 1998-05-22
 PRIOR APPLICATION NUMBER: 60/087106
 PRIOR FILING DATE: 1998-05-28
 PRIOR APPLICATION NUMBER: 60/088026
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088730
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088741
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088810
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088858
 PRIOR FILING DATE: 1998-06-11
 PRIOR APPLICATION NUMBER: 60/089532
 PRIOR FILING DATE: 1998-06-17
 PRIOR APPLICATION NUMBER: 60/089599
 PRIOR FILING DATE: 1998-06-17
 PRIOR APPLICATION NUMBER: 60/089907
 PRIOR FILING DATE: 1998-06-18
 PRIOR APPLICATION NUMBER: 60/089947
 PRIOR FILING DATE: 1998-06-19
 PRIOR APPLICATION NUMBER: 60/090349
 PRIOR FILING DATE: 1998-06-23
 PRIOR APPLICATION NUMBER: 60/090429
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090445
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090538
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090863
 PRIOR FILING DATE: 1998-06-26
 PRIOR APPLICATION NUMBER: 60/091360
 PRIOR FILING DATE: 1998-07-01
 PRIOR APPLICATION NUMBER: 60/091519
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091982
 PRIOR FILING DATE: 1998-07-07

Alignment Scores:
 Pred. No.: 1,74e-26 Length: 882
 Score: 305.50 Matches: 80
 Percent Similarity: 49.55% Conservative: 31
 Best Local Similarity: 35.71% Mismatches: 82
 Query Match: 21.27% Indels: 31
 Gaps: 10

US-09-698-781-3 (1-258) x US-10-028-072-261 (1-882)

QY 6 HisPro-----AlaLeuGluThrThrAlaMetThrLeuPheProValLeuLeuPheLeu 23
 DB 82 CATCCCTTCATGCTCTGAAGAATAATTCAGTTGTTATGATCTGGCTGCTGTTG 141
 QY 24 ValAlaGlyLeuLeuProSerPheProAlaAsnGluAspLysAspProAlaPheThrAla 43
 DB 142 GTAGCCACTCATCTTCCAAATCCCATCC-----ATCACTGACCCACACTTTATA--- 192
 QY 44 LeuLeuThrThrGlnThrGlnValGlnArgGluLeuValAsnLysHisAsnGluLeuArg 63
 DB 193 -----GACAACTGATAGAACCCCAACAGAAATGCGCT 225

Score:	305.50	Matches:	80
Percent Similarity:	49.5%	Conservative:	31
Best Local Similarity:	35.7%	Mismatches:	82
Query Match:	21.27%	Indels:	31
DB:	9	Gaps:	10

US-09-698-781-3 (1-258) x US-10-121-049-261 (1-882)

OY	6	HISPro-----AlaleuLuuThrThrAlaMetThrLeuPheProValLeuLeuPhe	22
Db	82	CATCCTTCACATGGCGTGTGAAGAATAAATTCAAGTAGTTGTTATATGCATCTTGCGGTGTGTTG	12
OY	24	VaLaAgLyLeuLeuProSerPheProAlaAsnGluAspLysAspProAlaPheThrAla	43
Db	142	GTAAGCCACTACATCTCTCCAAAATCCCATTCC-----ATCACTGACCACCACTCTTATAT--	19
OY	44	LeuLeuThrThgLnThrLnValGlnArgGluLeValaAnLysSHisaSnGluLeuArg	65
Db	193	-----GACAACCTGCATTAAGAACGCCCAACAGAAATGGCGT	22
OY	64	ArgAlaValSerProProAlaArgAsnMetLeuLysMetGluTrpAsnLysGluAlaAla	83
Db	226	GGCAAAAGTCACACCCCTCCCGCGCGCACATGAATAATCATGATTTGGATTAAGGTTTAGCA	28
OY	84	AlaAsnAlaGlnLysTrpAlaAsnGlnCysAsnTyraArgHisSerAsnProLysAspArg	10
Db	286	AAGATGGCTAAAGCATGGGCGCAAACCAAGTCAAATTTGAACATATATGACTGTTGGATTA	34
OY	104	MetThrSerLeuLysGys-----GlyGluAsnLeuTyrrMetSer	11
Db	346	-----TCATATTAAGCTATGCACACCTTTTGATATGTTGGAGAAATATCTGGTTAGCT	38
OY	117	SerAlaProSer-----SerTrpSerGlnAlaIleGlnSerTrpPheAspGluTyraAsp	13
Db	400	GGATTAAGTCATCTACACCAAGACATGCGCATTAACGCGTTGGTATATGAACCAACATTT	45
OY	136	PheAspPheGlyValGlyProLysThrProAsnAlaValValGlyHisTyrrThgLnVal	15
Db	460	TATGATTTTT-----GATAGCTCATCATGCTCCACAGAGCTGTGGCCATTTATACACATTA	51
OY	156	ValTrpTyrrSerSerTyrrLeuValGlyCysGlyAsnAlaTyrcysProAsn----GlnLys	17
Db	514	GTTTGGCCCATTCATTTATATGTCGGTGTGCGAGTTGCAATGTGTCCTAACCTTTGGGGCA	57
OY	175	ValLeuLysTyrrTyrrTyrrCysGlnTyrcysProAlaGlyAsnTrpAlaAsnArgLeu	18
Db	574	GCTTCAACATGCATATTATTGTATGACAACTACGAGCACTGGAGAAATTTTGCAAAAT----	65
OY	195	TyrValProTyrglnGlnGlyAlaProCysAlaSerCys-----ProAspAsnCysAsp	21
Db	628	ATGCGCTTCACGCCAAGAGAGAAATCTTGCTCTCTCTCTCAAAAAGAAAGAAATGTGTA	68
OY	213	AspGlyLeuLysCys	216
Db	688	AAGAACCTCTGC	699
 RESULT 8 US-10-123-904-261 Sequence 261, Application US/10123904 Publication No. US2003002228A1 GENERAL INFORMATION: APPLICANT: Baker, Kevin P. APPLICANT: Beresini, Maurice APPLICANT: DeForge, Laura APPLICANT: Desnoyers, Luc APPLICANT: Filvaroff, Ellen APPLICANT: Gao, Wei-Qiang APPLICANT: Geriltsen, Mary E. APPLICANT: Goddard, Audrey APPLICANT: Godowski, Paul J. APPLICANT: Gurney Austin L. APPLICANT: Sherwood, Steven APPLICANT: Smith, Victoria			

```

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C54
CURRENT APPLICATION NUMBER: US/10/123,904
CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 261
LENGTH: 882
TYPE: DNA
ORGANISM: Homo Sapien
US-10-123-904-261

Alignment Scores:
Pred. No.: 1,74e-26 Length: 882
Score: 305.50 Matches: 80
Percent Similarity: 49.55% Conservative: 31
Best Local Similarity: 35.71% Mismatches: 82
Query Match: 21.27% Indels: 31
Gaps: 10
DB: 9

US-09-698-781-3 (1-258) x US-10-123-904-261 (1-882)
QY 6 HisPro-----AlaLeuGIuThrThraAlaMetThrLeuPheProValLeuLeuPheLeu 23
DB 82 CATCCTTCATGCGCTGTAAGATAAATTCAGTTGTTATGATGCTGGCTGCTGTTGG 141
QY 24 ValAlaGlyLeuLeuProSerPheProAlaAsnGluAspLysAspProAlaPheThrAla 43
DB 142 GTAGCCACTACATCTTCCAAATCCCATCC-----ATCAGTCAGCCACACTTATA-- 192
QY 44 LeuLeuThrThrGlnThrGlnValGlnArgGluIleValAsnLysHisAsnGluLeuArg 63
DB 193 -----GACAACTGCATAGAACCCCAACAGAAATGGCGT 225
QY 64 ArgAlaValSerProProAlaArgAsnMetLeuLysMetGluTrpAsnLysGluAlaAla 83
DB 226 GCGAAAGTCAACCCCTCCCGCGCGGACATGAATACATGATTTGGATTAAGCTTAGCA 285
QY 84 AlaAsnAlaGlnLysTrpAlaAsnGlnCysAsnTyrArgHisSerAsnProLysAspArg 103
DB 286 AAGATGGCTAAAGCATGGGCAACAGTGCMAATTTGACATATGACTGTTGGATTA 345
QY 104 MetThrSerLeuLysCys-----GlyGluAsnLeuTyrMetSer 116
DB 346 -----TCATATTAATGCTATGCAAGCTTTGAAATATGTTGAGAAAATATCTGTAGT 399
QY 117 SerAlaProSer---SerTrpSerGlnAlaAlaIleGlnSerTrpPheAspGluTyrAsnAsp 135
DB 400 GGAATAAATCATATTACACCAACAGACATTAACGCTGTGATATGAAGAACCAATT 459
QY 136 PheAspPheGlyValGlyProLysTrpProAsnAlaValAlaGlyHisTyrThrGlnVal 155
DB 460 TATGATTTT-----GATAGTCTATCATGCTCCAGAGTCTGTGGCCATTATACAGTTA 513
QY 156 ValTrpTyrSerSerTyrLeuValGlyCysGlyAsnAlaTyrCysProAsn---GlnLys 174
DB 514 GTTGGGCCAATTCATTTATGTCGGTGTGCACTGCAATGTGCTTAACCTTGGGGA 573
QY 175 ValLeuLysTyrTyrTyrValCysGlnTyrCysProAlaLysAsnTrpAlaAsnArgLeu 194
DB 574 GCTTCAACATGCAATATTTATGCACTGCACTGCAAGAAATTTTGAAGAAATTT 627
QY 195 TyrValProTyrGluGlnGlyAlaProCysAlaSerCys-----ProAspAsnCysAsp 212
DB 628 ATGCCCTCTTACGCAAGAGAGAAATCTCTCTCTCTCAAAAGAAAGAAATGTGTA 687
QY 213 AspGlyLeuLysCys 216

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C160
CURRENT APPLICATION NUMBER: US/10/140,470
CURRENT FILING DATE: 2002-05-06
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 261
LENGTH: 882
TYPE: DNA
ORGANISM: Homo Sapien
US-10-140-470-261

Alignment Scores:
Pred. No.: 1,74e-26 Length: 882
Score: 305.50 Matches: 80
Percent Similarity: 49.55% Conservative: 31
Best Local Similarity: 35.71% Mismatches: 82
Query Match: 21.27% Indels: 31
Gaps: 10
DB: 9

US-09-698-781-3 (1-258) x US-10-140-470-261 (1-882)
QY 6 HisPro-----AlaLeuGIuThrThraAlaMetThrLeuPheProValLeuLeuPheLeu 23
DB 82 CATCCTTCATGCGCTGTAAGATAAATTCAGTTGTTATGATGCTGGCTGCTGTTGG 141
QY 24 ValAlaGlyLeuLeuProSerPheProAlaAsnGluAspLysAspProAlaPheThrAla 43
DB 142 GTAGCCACTACATCTTCCAAATCCCATCC-----ATCAGTCAGCCACACTTATA-- 192
QY 44 LeuLeuThrThrGlnThrGlnValGlnArgGluIleValAsnLysHisAsnGluLeuArg 63
DB 193 -----GACAACTGCATAGAACCCCAACAGAAATGGCGT 225
QY 64 ArgAlaValSerProProAlaArgAsnMetLeuLysMetGluTrpAsnLysGluAlaAla 83
DB 226 GCGAAAGTCAACCCCTCCCGCGCGGACATGAATACATGATTTGGATTAAGCTTAGCA 285
QY 84 AlaAsnAlaGlnLysTrpAlaAsnGlnCysAsnTyrArgHisSerAsnProLysAspArg 103
DB 286 AAGATGGCTAAAGCATGGGCAACAGTGCMAATTTGACATATGACTGTTGGATTA 345
QY 104 MetThrSerLeuLysCys-----GlyGluAsnLeuTyrMetSer 116
DB 346 -----TCATATTAATGCTATGCAAGCTTTGAAATATGTTGAGAAAATATCTGTAGT 399
QY 117 SerAlaProSer---SerTrpSerGlnAlaAlaIleGlnSerTrpPheAspGluTyrAsnAsp 135

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Db 400 GGAATAAAGTCAATTCACACAGACATGCGCTGGTATTAATGAACCAATT 459
      |||||
Qy 136 PheaspphegIyValGlyProlysthrProasnaIaValGlyHstYrThrgInVal 155
      :|||
Db 460 TATGATTTT-----GATAGTCTATCAGCATGCTGAGCTGGCCATTATACAGTGA 513
      :|||
Qy 156 ValTrpYrSerSerYrLeuValGlyCysGlyAsnaIaTyCysProasn---GlnYs 174
      :|||
Db 514 GTTGGGCCAATTCATTATATGTCGGTGTGACGTTGCATATGCTTAACTTGGGGA 573
      :|||
Qy 175 ValLeuLysYrYrYrYrValGlyCysGlnYrCysProaIaGlyAsnTrpAlaasnaIrgLeu 194
      :|||
Db 574 GCTCAACTGCATATTTGTATGATGCAACACGACCTGCAGGAATTTTGCATAT----- 627
      :|||
Qy 195 TyrValProTyrgLugInGlyAlaProCysAlaSerCys-----ProaspaSncysasp 212
      :|||
Db 628 ATGCTCTCTTACGCAAGAGAGAAATCTGCTCTGCTCAAAAGAGAGAAATGTGA 687
      :|||
Qy 213 AspGlyLeuCys 216
      :|||
Db 688 AAGAACCTCTGC 699

RESULT 10
US-10-175-746-261
: Sequence 261, Application US/10175746
: Publication No. US20030027270A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Beresini, Maureen
: APPLICANT: Deforge, Laura
: APPLICANT: Desnoyers, Luc
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Sherwood, Steven
: APPLICANT: Smith, Victoria
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tamas, Daniel
: APPLICANT: Watanabe, Colin K
: APPLICANT: Wood, William
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: FILE OF INVENTION: ACIDS ENCODING THE SAME
: FILE REFERENCE: P3330R1C353
: CURRENT APPLICATION NUMBER: US/10/175,746
: CURRENT FILING DATE: 2002-06-19
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 550
: SEQ ID NO 261
: LENGTH: 882
: TYPE: DNA
: ORGANISM: Homo Sapien
US-10-175-746-261

Alignment Scores:
Pred. No.: 1.74e-26 Length: 882
Score: 305.50 Matches: 80
Percent Similarity: 49.55% Conservative: 31
Best Local Similarity: 35.71% Mismatches: 82
Query Match: 21.27% Gaps: 31
Indels: 10
Gaps: 10

US-09-698-781-3 (1-258) x US-10-175-746-261 (1-882)
Qy 6 HsPPO-----AlaLeuGluThrAlaMetThrLeuPheProValLeuLeuPheLeu 23
      |||||
Db 82 CATCTTCCATGCGCTCAAGAAATAATTCAGTTGTATGATGCTGGCTGTGTTG 141
      :|||
Qy 24 ValAlaGlyLeuLeuProSerPheProAlaAsnGlyAspLysAspProAlaPheThraIa 43
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Db 142 GTAGCCACTACATCTTCCAAAATCCCATCC-----ATCAGTACACCCACACTTTATA--- 192
      |||||
Qy 44 LeuLeuThrThrGlnThrGlnValGlnIrgLuiLeuValAsnLysHisAsnGluLeuArg 63
      :|||
Db 193 -----GACAATGCTATGAAAGCCACACAGAAATGGCGT 225
      :|||
Qy 64 ArgAlaValSerProProAlaIargAsnMetLeuLysMetGluTrpAsnLysGluAlaIa 83
      :|||
Db 226 GCGAAAGTCACCCCTCCCGCGCGCGCAATGAATATGATTTGGGATAAAGTTTACCA 285
      :|||
Qy 84 AlaAsnaIaGlnLysTrpAlaAsnGlnCysAsnYrYrGHisSerAspProLysAspArg 103
      :|||
Db 286 AAGATGCGTAAAGCATGGGCAACCAAGTGCATTAATTTGAACATATATGACTGTGGATAAA 345
      :|||
Qy 104 MetThrSerLeuLysCys-----GlyGluAsnLeuTyrimetSer 116
      :|||
Db 346 -----TCATATAAATGCGATGACAGCTTTGAATATGTTGGAGAAATATCGTTAGT 399
      :|||
Qy 117 SerAlaProSer-----SerTrpSerGlnAlaIleGlnSerTrpPheAspGluTyrimetSer 135
      :|||
Db 400 GGAATAAAGTCAATTCACACAGACATGCGCTGGTATTAATGAACCAATT 459
      :|||
Qy 136 PheaspphegIyValGlyProlysthrProasnaIaValGlyHstYrThrgInVal 155
      :|||
Db 460 TATGATTTT-----GATAGTCTATCAGCTGCTGAGATGCTGGCCATTATACAGTGA 513
      :|||
Qy 156 ValTrpYrSerSerYrLeuValGlyCysGlyAsnaIaTyCysProasn---GlnYs 174
      :|||
Db 514 GTTGGGCCAATTCATTATATGTCGGTGTGACGTTGCATATGCTTAACTTGGGGA 573
      :|||
Qy 175 ValLeuLysYrYrYrYrValGlyCysGlnYrCysProaIaGlyAsnTrpAlaasnaIrgLeu 194
      :|||
Db 574 GCTCAACTGCATATTTGTATGATGCAACACGACCTGCAGGAATTTTGCATAT----- 627
      :|||
Qy 195 TyrValProTyrgLugInGlyAlaProCysAlaSerCys-----ProaspaSncysasp 212
      :|||
Db 628 ATGCTCTCTTACGCAAGAGAGAAATCTGCTCTGCTCAAAAGAGAGAAATGTGA 687
      :|||
Qy 213 AspGlyLeuCys 216
      :|||
Db 688 AAGAACCTCTGC 699

RESULT 11
US-10-176-918-261
: Sequence 261, Application US/10176918
: Publication No. US20030027275A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Beresini, Maureen
: APPLICANT: Deforge, Laura
: APPLICANT: Desnoyers, Luc
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Sherwood, Steven
: APPLICANT: Smith, Victoria
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tamas, Daniel
: APPLICANT: Watanabe, Colin K
: APPLICANT: Wood, William
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: FILE OF INVENTION: ACIDS ENCODING THE SAME
: FILE REFERENCE: P3330R1C382
: CURRENT APPLICATION NUMBER: US/10/176,918
: CURRENT FILING DATE: 2002-06-20
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 550
: SEQ ID NO 261
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; LENGTH: 882
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-176-918-261

Alignment Scores:
Pred. No.: 1,74e-26      Length: 882
Score: 305.50           Matches: 80
Percent Similarity: 49.55%      Conservative: 31
Best Local Similarity: 35.71%   Mismatches: 82
Query Match: 21.27%           Indels: 31
DB: 9                     Gaps: 10

US-09-698-781-3 (1-258) x US-10-176-918-261 (1-882)

OY 6 HisPro-----AlaLeuGluThrThraAlaMetThrLeuPheProValLeuLeuPheLeu 23
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 82 CATCTTCATGCGCTGAGAAATAATTCAGTTGTTATGGATCTGTGGCTGTGTTG 141

OY 24 ValAlaGlyLeuLeuProSerPheProAlaAsnGluAspLysAspProAlaPheThra 43
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 142 GTAGCCACTACTCTCCAAAATCCCATCC-----ATCAGTGAACCCACACTTTATA--- 192

OY 44 LeuLeuThrThrGlnThrGlnValGlnArgGluIleValAsnLysHisAsnGluLeuArg 63
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 193 -----GACAACTGATGAAAGCCCAACAAAGATGGCGT 225

OY 64 ArgAlaValSerProProAlaArgAsnMetLeuLysMetGluTrpAsnLysGluAlaAla 83
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 226 GCGAAAGCAACCCCTCCGCGCGCGACATGAATACATGATTTGGATTAAGGTTTAGCA 285

OY 84 AlaAsnAlaGlnLysTrpAlaAsnGlnCysAsnTyraArgHisSerAsnProLysAspArg 103
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 286 AAGATGGCTTAAGCAATGGGCAACCAAGTCAATTTGAACATAATAGCTTTGGATTA 345

OY 104 MetThrSerLeuLysCys-----GlyGluAsnLeuTyrmMetSer 116
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 346 -----TCATATAAATGCTATGACAGCTTTGAATATGTTGAGAAATAATCTGGTTAGGT 399

OY 117 SerAlaProSer-----SerTrpSerGlnAlaIleGlnSerTrpPheAspGluTyraAsnAsp 135
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 400 GGAATAAAGTCATTCACACCAAGACATGGCATTCAGCTGGATTAATAAACCCATTT 459

OY 136 PheAspPheGlyValGlyProLysThrProAsnAlaValAlaValHisIstyrThrGlnVal 155
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 460 TATGATTTT-----GATAGTCTATCATCTCCAGAGTGTGGCCATTATACACAGTTA 513

OY 156 ValTrpTyrsSerSerTyrlLeuValGlyCysGlyAsnAlaTyrcysProAsn---GlnLys 174
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 514 GTTTGGGCCAATTCATTTATATGCGGTGTGCAAGTTGATGCTTAACCTTTGGGGA 573

OY 175 ValLeuLysTyrrTyrrTyrrValCysGlnTyrcysProAlaGlyAsnTrpAlaAsnArgLeu 194
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 574 GCTTCAACTGCATATATTTATGCACTAGCAGCCTGCAAGAAATTTTGCAGAAAT----- 627

OY 195 TyrrValProTyrrGluGlnGlyAlaProCysAlaSerCys-----ProAspAsnCysAsp 212
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 628 ATGCCCTCTTACGCAAGAGAGAAATCTGCTCTCTCTGCTCAAAAGAAAGAAATGTGA 667

OY 213 AspGlyLeuLysCys 216
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 688 AAGAACCTCTGC 699

RESULT 12
US-10-176-921-261
; Sequence 261, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen

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; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C28
; CURRENT APPLICATION NUMBER: US/10/176,921
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 261
; LENGTH: 882
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-176-921-261

Alignment Scores:
Pred. No.: 1,74e-26      Length: 882
Score: 305.50           Matches: 80
Percent Similarity: 49.55%      Conservative: 31
Best Local Similarity: 35.71%   Mismatches: 82
Query Match: 21.27%           Indels: 31
DB: 9                     Gaps: 10

US-09-698-781-3 (1-258) x US-10-176-921-261 (1-882)

OY 6 HisPro-----AlaLeuGluThrThraAlaMetThrLeuPheProValLeuLeuPheLeu 23
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 82 CATCTTCATGCGCTGCGAATAAATTCAGTTGTTATGGATCTGTGGCTGTGTTG 141

OY 24 ValAlaGlyLeuLeuProSerPheProAlaAsnGluAspLysAspProAlaPheThra 43
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 142 GTAGCCACTACTCTCCAAAATCCCATCC-----ATCAGTGAACCCACACTTTATA--- 192

OY 44 LeuLeuThrThrGlnThrGlnValGlnArgGluIleValAsnLysHisAsnGluLeuArg 63
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 193 -----GACAACTGATGAAAGCCCAACAAAGATGGCGT 225

OY 64 ArgAlaValSerProProAlaArgAsnMetLeuLysMetGluTrpAsnLysGluAlaAla 83
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 226 GCGAAAGTCAACCCCTCCGCGCGCGACATGAATACATGATTTGGATTAAGGTTTAGCA 285

OY 84 AlaAsnAlaGlnLysTrpAlaAsnGlnCysAsnTyraArgHisSerAsnProLysAspArg 103
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 286 AAGATGGCTTAAGCAATGGGCAACCAAGTCAATTTGAACATAATAGCTTTGGATTA 345

OY 104 MetThrSerLeuLysCys-----GlyGluAsnLeuTyrmMetSer 116
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 346 -----TCATATAAATGCTATGACAGCTTTGAATATGTTGAGAAATAATCTGGTTAGGT 399

OY 117 SerAlaProSer-----SerTrpSerGlnAlaIleGlnSerTrpPheAspGluTyraAsnAsp 135
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 400 GGAATAAAGTCATTCACACCAAGACATGGCATTCAGCTGGATTAATAAACCCATTT 459

OY 136 PheAspPheGlyValGlyProLysThrProAsnAlaValAlaValHisIstyrThrGlnVal 155
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 460 TATGATTTT-----GATAGTCTATCATCTCCAGAGTGTGGCCATTATACACAGTTA 513

OY 156 ValTrpTyrsSerSerTyrlLeuValGlyCysGlyAsnAlaTyrcysProAsn---GlnLys 174
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 514 GTTTGGGCCAATTCATTTATATGCGGTGTGCAAGTTGATGCTTAACCTTTGGGGA 573

OY 175 ValLeuLysTyrrTyrrTyrrValCysGlnTyrcysProAlaGlyAsnTrpAlaAsnArgLeu 194
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

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